

Amendments to the Specification:

Please replace the paragraph on Page 1, line 21 through Page 2, line 5 with the following:

Referring to Fig. 1 and Fig. 2, a conventional three- electrode, AC surface-discharge PDP includes scan electrodes Y1 to Yn and sustain electrodes Z provided on an upper substrate 10, and address electrodes XI to Xm provided on a lower substrate 18. Discharge cells 1 of the PDP are provided at intersections among the scan electrodes Y1 to Yn, the sustain electrodes Z and the address electrodes XI to Xm. The address electrodes are driven by an address driver (X-DRIVER), the scan electrodes are driven by a scan driver (Y-DRIVER) and the sustain electrodes are driven by a sustain driver (Z-DRIVER).

Please add the following paragraphs on Page 15, after line 25:

In an alternative embodiment, the plasma display device comprises a Plasma Display Panel (PDP) having scan electrodes, sustain electrodes and address electrodes; a first driving circuit that selects discharge cells by applying a first voltage to the address electrodes during an address period; and a second driving circuit configured for driving at least one of the scan electrodes or the sustain electrodes that emits light in the discharge cells by alternatively applying a second voltage to the scan electrodes and the sustain electrodes during an sustain period, wherein the second driving circuit does not apply a second voltage to the scan electrodes and the sustain electrodes, in at least one sub-field out of one frame. Further, the first voltage is not applied in the at least one sub-field.

Alternatively, a plasma display device comprises a Plasma Display Panel (PDP) having scan electrodes, sustain electrodes and address electrodes; a first driving circuit that selects discharge cells by applying a first voltage to the address electrodes during an address period; and a second driving circuit configured for driving at least one of the scan electrodes or the sustain electrodes that emits light in the discharge cells by alternatively applying a second voltage to the scan electrodes and the sustain electrodes during an sustain period, wherein the second driving circuit does not apply a second voltage to the scan electrodes and the sustain electrodes when a number of the discharge cells in the address period is lower than 20% of entire cells, in at least one sub-field out of one frame.

Further, a method for driving a plasma display device using a plurality of sub-fields, the plasma device having scan electrodes, sustain electrodes and address electrodes comprises selecting discharge cells during an address period by applying a first voltage to the address electrodes; and emitting light in the discharge cells by alternatively applying a second voltage to the scan electrodes and the sustain electrodes during an sustain period, wherein when a number of discharge cells in the address period is lower than 20% of entire cells, the second voltage is not applied during the sustain period, in at least one sub-field out of one frame.